Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 28 Dec 2020 until 23:59 on Tuesday 29 Dec 2020

Forecast Issued on Monday 28 Dec 2020 at 04:52

Confidence: High for cold conditions throughout the period but lower confidence for details regarding snow showers.

Headline for Monday 28 Dec 2020: Bright or sunny spells, but cold with a few snow showers.

Mountain weather hazards on Monday 28 Dec 2020

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Sunny intervals	Sunny intervals	Light snow showers (night)	Light snow showers (night)
Precipitation probability					
30%	20%	10%	10%	40%	60%

Forecast for Monday 28 Dec 2020

Weather: After a foggy start, it will become a bright, cold day with some sunny spells and a risk of a few isolated snow showers in the evening.

Chance of cloud free mountain/hill tops above 600m: 20% initially with cloud down to 300m. Becoming 60% with occasional cloud down to 450m in the afternoon. 40% in snow showers later.

Visibility: Very poor in fog initially. Becoming good or very good, but poor or very poor in any isolated snow showers later.

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Forecast for Monday 28 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 E	8/10 NE	6/8 NE	6/9 NE	7/12 NE	10/16 N	11/17 N
300	7/16 E	6/11 NE	5/8 N	5/11 N	6/12 N	8/18 N	8/17 N
Valley	6/15 NE	5/13 NE	3/6 N	3/6 N	3/6 N	3/11 N	6/15 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-2/-6	-1/-5	-1/-4	-2/-6	-2/-7	-1/-6
300	-0/-4	0/-3	1/-1	0/-3	-1/-5	-1/-5	0/-4
Valley	1/-2	1/-1	3/1	2/0	-1/-3	-1/-3	1/-2
Freezing Level*	200m	300m	300m	300m	100m	200m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe chill is possible over the tops, despite light winds. Fresh lying snow, especially above 200m, and icy areas will add extra difficulty to conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 28 Dec 2020	7mm	42mm	45mm

Forecast for Tuesday 29 Dec 2020

Weather: Becoming cloudier overnight with perhaps a spell of sleet and snow, but mostly clearing by morning, then a bright day with some sunny spells, but still cold with the odd snow shower.

Maximum wind: Northwest 20 gust 30mph, but 25-30 gust 40mph at times over higher tops, especially in or near showers

Chance of cloud free mountain/hill tops above 600m: 30% overnight with quiet extensive cloud down to 400m, then 70% with more broken cloud above 500m

Visibility: Good or very good away from showers, but very poor at height at times

Temperature: **Valleys:** Minus 1 C to plus 2 C, with frost persisting in some of the dales throughout the day
At 600m: Minus 4 C
Freezing level: 400m

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